Peak District National Park

Forecast valid from 00:00 on Friday 29 Apr 2022 until 23:59 on Saturday 30 Apr 2022

Forecast Issued on Thursday 28 Apr 2022 at 14:46

Confidence: High for overall pattern, low confidence in precipitation details from Sunday onwards.

Headline for Friday 29 Apr 2022: A bright and sunny day with light winds.

Mountain weather hazards on Friday 29 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny	Sunny	Sunny intervals	Sunny	Sunny	Sunny	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Friday 29 Apr 2022

Weather: Cloud continuing to break up during the early hours leading to a cold start, but quickly warming up in bright morning sunshine. Remaining fine throughout the day, some fair weather clouds bubbling up during the morning but there will still be plenty of sunshine.

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: Very good visibility with distant hills visible.

Forecast for Friday 29 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/11 SE	6/8 E	5/7 E	6/9 NE	8/13 NE	9/13 NE	7/10 E	9/12 SE	5/6 SE
300	5/9 SE	4/5 E	3/4 E	4/7 N	7/11 NE	8/13 NE	6/10 E	6/11 SE	4/6 SE
Valley	4/9 E	3/4 E	2/6 E	3/6 NW	5/10 NE	7/13 E	6/10 E	5/9 E	4/7 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	3/1	3/1	5/2	7/4	8/6	8/6	6/3	5/3
300	6/4	5/4	5/4	8/6	10/8	11/9	11/10	8/6	6/4
Valley	6/5	4/3	5/4	9/8	12/11	13/11	12/11	8/7	5/4
Freezing Level*	1100m	1000m	900m	1000m	1100m	1200m	1300m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels are expected at height so sun protection is recommended due to the extensive sunshine, however it will still feel cool in any shady spots and over the summits so layers will also be required.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 28 Apr 2022	0mm	0mm	0mm

Forecast for Saturday 30 Apr 2022

Weather: A bright and sunny morning with some shallow mist or fog patches in valleys. Staying fine and dry throughout the day, with hazy sunshine as a veil of high cloud increases from the northwest throughout the afternoon. Becoming cloudy into the evening with rain arriving overnight.

Maximum wind: West-south-westerly 10 mph gusting 20 mph

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: Low risk of poor visibility in mist around dawn. Otherwise very good visibility with cloud well above summits.

Temperature: **Valleys:** Plus 2 Celsius increasing to 11 Celsius
At 600m: Plus 5 Celsius
Freezing level: Above summits.